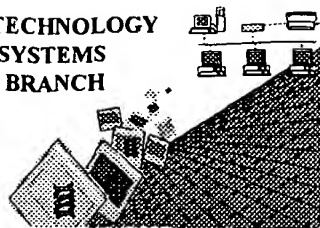


RAW SEQUENCE LISTING **ERROR REPORT**

BIOTECHNOLOGY
SYSTEMS
BRANCH



1631 / 1000

#7
Plunkett

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/671,773
Source: OIPK
Date Processed by STIC: 6/11/2002

TECH CENTER 1600/2900

JUL 11 2002

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THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER** **VERSION 3.1 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name,
Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two,
2011 South Clark Place, Arlington, VA 22202
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Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002



OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/671,773

DATE: 06/11/2002

TIME: 14:12:20

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF3\06112002\I671773.raw

ppp-2
Does Not Comply
Corrected Diskette Needed

3 <110> APPLICANT: BAYER CORPORATION
5 <120> TITLE OF INVENTION: Pituitary Adenylate Cyclase Activating Peptide (PACAP)
Receptor 3
6 <130> (R3) Agonists and Their Pharmacological Methods of Use
8 <130> FILE REFERENCE: Bayer
OK 10 <140> CURRENT APPLICATION NUMBER: US/09/671,773
OK 10 <141> CURRENT FILING DATE: 2002-05-31
10 <150> PRIOR APPLICATION NUMBER: 09/407,832
11 <151> PRIOR FILING DATE: 1999-09-28
13 <150> PRIOR APPLICATION NUMBER: 09/595,280
14 <151> PRIOR FILING DATE: 2000-06-15
16 <160> NUMBER OF SEQ ID NOS: 343
18 <170> SOFTWARE: PatentIn version 3.0

ERRORED SEQUENCES

6041 <210> SEQ ID NO: 303
6042 <211> LENGTH: 119 / 109 shown
6043 <212> TYPE: DNA
OK 6044 <213> ORGANISM: Artificial
6046 <220> FEATURE:
6047 <223> OTHER INFORMATION: synthetic construct
6049 <220> FEATURE:
OK 6050 <221> NAME/KEY: SYNTHETIC GENE
6051 <222> LOCATION: (1)..(119) *insert a hard return after "400 303"*
6053 <400> SEQUENCE: 303 aggtcgtcac tccgacgctg ttttcaccga caactacacg cgtctgcgta (60) 50
E--> 6055 aacagatggc tgcaaagaaa tacctgaact ccatcaagaa cgtgcgttaa tgagaattc (119) 109
6508 <210> SEQ ID NO: 329<211> 120
OK 6509 <212> TYPE: DNA *insert a hard return*
OK 6510 <213> ORGANISM: Artificial
6512 <220> FEATURE:
6513 <223> OTHER INFORMATION: synthetic construct
6515 <220> FEATURE:
OK 6516 <221> NAME/KEY: SYNTHETIC GENE
6517 <222> LOCATION: (1)..(120)

6519 <400> SEQUENCE: 329
OK 6520 ggatccatcg aaggtcgtca ctccgacgct gttttcaccg acaactacac gcgtctgcgt 60
6522 aaacagatgg ctgcaaagaa atacctgaac tccatccga accgtatcta atgagaattc 120
6759 <210> SEQ ID NO: 343
6760 <211> LENGTH: 120
6761 <212> TYPE: DNA
OK 6762 <213> ORGANISM: Artificial *see p 2*

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/671,773

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Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF3\06112002\I671773.raw

6764 <220> FEATURE:
6765 <223> OTHER INFORMATION: synthetic construct
6767 <220> FEATURE:
W--> 6768 <221> NAME/KEY: SYNTHETIC GENE
6769 <222> LOCATION: (1)..(120)
6771 <400> SEQUENCE: 343
6772 ggatccatcg aaggctcgta ctccgacgct gttttcaccg acaactacac gcgtctgcgt 60
6774 aaacagatgg ctccaagaa atacctgaac tccatccgta accgtatcta atgagaattc 120
E--> 6778 ¹ delete

FYI Use of n and/or Xaa has been detected in the Sequence Listing.
Review the Sequence Listing to insure a corresponding
explanation is presented in the <220> to <223> fields of
each sequence using n or Xaa.

RAW SEQUENCE LISTING ERROR SUMMARY

DATE: 06/11/2002

PATENT APPLICATION: US/09/671,773

TIME: 14:12:22

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF3\06112002\I671773.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27
Seq#:28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51
Seq#:52,53,54,55,56,57,58,59,60,61,62,63,64,65,66,67,68,69,70,71,72,73,74,75
Seq#:76,77,78,79,80,81,82,83,84,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99
Seq#:100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117
Seq#:118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135
Seq#:136,137,138,139,140,141,142,143,144,145,146,147,148,149,150,151,152,153
Seq#:154,155,156,157,158,159,160,161,162,163,164,165,166,167,168,169,170,171
Seq#:172,173,174,175,176,177,178,179,180,181,182,183,184,185,186,187,188,189
Seq#:190,191,192,193,194,195,196,197,198,199,200,201,202,203,204,205,206,207
Seq#:208,209,210,211,212,213,214,215,216,217,218,219,220,221,222,223,224,225
Seq#:226,227,228,229,230,231,232,233,234,235,236,237,238,239,240,241,242,243
Seq#:244,245,246,247,248,249,250,251,252,253,254,255,256,257,258,259,260,261
Seq#:262,263,264,265,266,267,268,269,270,271,272,273,274,275,276,277,278,279
Seq#:280,281,282,283,284,285,286,287,288,289,290,291,292,293,294,295,296,297
Seq#:298,299,300,301,302,303,304,305,306,307,308,309,310,311,312,313,314,315
Seq#:316,317,318,319,320,321,322,323,324,325,326,327,328,329,330,331,332,333
Seq#:334,335,336,337,338,339,340,341,342,343

VERIFICATION SUMMARY

DATE: 06/11/2002

PATENT APPLICATION: US/09/671,773

TIME: 14:12:22

Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF3\06112002\I671773.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:23 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:1
L:45 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:2
L:70 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:3
L:92 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:4
L:117 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:5
L:145 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:16
L:151 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:6
L:179 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:7
L:201 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:8
L:221 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:9
L:250 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
L:253 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:16
L:259 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:10
L:279 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:11
L:301 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:12
L:321 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:13
L:341 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:14
L:361 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:15
L:381 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:16
L:403 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:17
L:423 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:18
L:446 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:19
L:466 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:20
L:486 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:21
L:506 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:22
L:526 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:23
L:546 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:24
L:566 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:25
L:586 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:26
L:606 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:27
L:626 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:28
L:646 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:29
L:666 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:30
L:686 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:31
L:706 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:32
L:726 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:33
L:746 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:34
L:766 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:35
L:786 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:36
L:806 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:37
L:826 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:38
L:846 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:39
L:866 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:40
L:886 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:41
L:906 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:42
L:926 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:43

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/671,773

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Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF3\06112002\I671773.raw

L:946 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:44
L:966 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:45
L:986 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:46
L:1006 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:47
L:1026 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:48
L:1046 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:49
L:1066 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:50
L:1152 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:54
L:1172 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:55
L:1190 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:56
L:3359 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:164
L:4576 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:222
L:4596 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:223
L:4614 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:224
L:4634 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:225
L:4652 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:226
L:4672 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:227
L:4692 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:228
L:4710 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:229
L:4728 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:230
L:4746 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:231
L:4764 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:232
L:4782 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:233
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L:4836 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:236
L:4854 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:237
L:4872 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:238
L:4890 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:239
L:4908 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:240
L:4928 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:241
L:4946 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:242
L:4964 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:243
L:4984 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:244
L:5004 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:245
L:5022 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:246
L:5040 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:247
L:5060 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:248
L:5078 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:249
L:5096 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:250
L:5114 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:251
L:5132 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:252
L:5150 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:253
L:5168 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:254
L:5186 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:255
L:5204 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:256
L:5222 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:257
L:5240 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:258
L:5258 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:259

VERIFICATION SUMMARY

DATE: 06/11/2002

PATENT APPLICATION: US/09/671,773

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Input Set : A:\PTO.VSK.txt

Output Set: N:\CRF3\06112002\I671773.raw

L:5276 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:260
L:5294 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:261
L:5312 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:262
L:5330 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:263
L:5348 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:264
L:5366 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:265
L:5384 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:266
L:5402 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:267
L:6055 M:254 E: No. of Bases conflict, LENGTH:Input:119 Counted:59 SEQ:303
L:6055 M:252 E: No. of Seq. differs, <211> LENGTH:Input:119 Found:59 SEQ:303
L:6519 M:282 W: Numeric Field Identifier Missing, <211> is required.
L:6522 M:252 E: No. of Seq. differs, <211> LENGTH:Input:0 Found:120 SEQ:329
L:6778 M:254 E: No. of Bases conflict, this line has no nucleotides.